

# Development Activities [IWP FY13]

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-0010	Coordination and Dissemination Requirements for Special Activity Airspace (SAA)	2009	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>		EN-0171, EN-0170			<a href="#"> <a href="#">..request/elementForm?id=689957"&gt;1183&lt;/a&gt;</a>
D-0030	Planning, Collaboration, and Coordination Functions for Airspace Security	2009	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a></a>	<a href="#"> <a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a>	EN-4500, EN-4521, EN-4512, EN-4511, EN-4510			
D-0150	Collaborative Negotiation Capabilities for Expanded Oceanic Track Entry Points	2010	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#"&gt;<a href="#">elementForm ?id=706665"&gt;Industry (Suggested)&lt;/a&gt;</a></a>	<a href="#"> <a href="#">elementForm ?id=706665"&gt;Industry (Suggested)&lt;/a&gt;</a>	EN-0162	R-0130		
D-0160	SMS Standard	2008	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706724"&gt;DOT (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706665"&gt;Industry (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706676"&gt;DOC (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;</a></a></a></a></a></a></a>		EN-3018			
D-0170	Safety Information Sharing Environment	2010	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#"&gt;<a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;</a></a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;</a>	EN-3036, EN-3037, EN-3016			
D-0190	Threat-Vector Analysis Capability	2010	<a href="#"> <a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a>			EN-4520		

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D-0240	Facility and Networking Alternatives	2010	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>		EN-0019, EN-0300	R-0230		
D-0250	PNT Complementary and Backup System Strategy	2012	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href=" <a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;</a>	EN-1101	R-1800, R-1810		
D-0260	Development of NextGen Interagency NCI Requirements	2010	<a href=" <a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;</a>	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706676"&gt;DOC (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a></a></a>	EN-1016, EN-1015	R-0510, R-0660, R-2139		<a href="#"> <a href="#">..request/elementForm?id=698381"&gt;1510&lt;/a&gt;</a>
D-0320	Adaptive Weather Observation Capabilities	2011	<a href="#"> <a href="#">elementForm ?id=706676"&gt;DOC&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;</a></a></a>	EN-2250			<a href="#"> <a href="#">..request/elementForm?id=478726"&gt;88&lt;/a&gt;</a>
D-0330	Aircraft-Based Precision Approach Capability	2011	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;</a></a>	EN-1041, EN-0106, EN-0219, EN-0103, EN-0217	R-0040, R-1240, R-0930, R-0910		<a href="#"> <a href="#">..request/elementForm?id=478850"&gt;140&lt;/a&gt;</a>
D-0360	Requirements for Taxi Instructions Submission	2011	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;</a>	EN-1206	R-0610, R-1430		
D-0400	Time-Based Metering of Flows Transitioning into High-Density Terminal Areas	2011	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>		EN-0110			

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D-0420	NAS-Wide Aggregate Flow Models	2011	<a href="#elementForm?id=706707">FAA (Suggested)</a>	<a href="#elementForm?id=706665">Industry (Suggested)</a>, <a href="#elementForm?id=706739">NASA</a>	EN-0180, EN-0036	R-1120, R-1130		<a href="#../request/elementForm?id=478397">3</a>, <a href="#../request/elementForm?id=478851">141</a>
D-0440	Secure and Certified Supply Chain Entity	2011	<a href="#elementForm?id=706693">DHS (Suggested)</a>	<a href="#elementForm?id=706665">Industry (Suggested)</a>	EN-4403, EN-4401			
D-0450	Common Situational Awareness Capability	2011	<a href="#elementForm?id=706693">DHS (Suggested)</a>		EN-4520			
D-0460	Enterprise Airport Security Data Management System	2011	<a href="#elementForm?id=706693">DHS (Suggested)</a>		EN-4210, EN-4203, EN-4522	R-0180		
D-0480	Reduced Oceanic Separation Standards and Procedures	2012	<a href="#elementForm?id=706707">FAA (Suggested)</a>	<a href="#elementForm?id=706665">Industry (Suggested)</a>	EN-0301	R-0590		
D-0490	5nm Non-Radar Separation Standards and Procedures	2012	<a href="#elementForm?id=706707">FAA (Suggested)</a>		EN-0301	R-0590		
D-0520	Trajectory Prediction Methodologies for New Vehicle Classes	2012	<a href="#elementForm?id=706707">FAA (Suggested)</a>	<a href="#elementForm?id=706739">NASA</a>	EN-0039, EN-0037			<a href="#../request/elementForm?id=478400">6</a>, <a href="#../request/elementForm?id=478852">142</a>
D-0560	Airport Information Architecture	2013	<a href="#elementForm?id=706665">Industry (Suggested)</a>	<a href="#elementForm?id=706707">FAA (Suggested)</a>, <a href="#elementForm?id=706714">Airport Operator (Suggested)</a>	EN-5032			<a href="#../request/elementForm?id=690346">1268</a>

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-0710	Baggage/Cargo/Mail Monitoring System	2012	<a href="elementForm ?id=706693">DHS (Suggested)</a>	<a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-4307			
D-0730	Security Incident Management System	2012	<a href="elementForm ?id=706693">DHS (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-4522, EN-4520			
D-0750	"Drop-In" Alternative Aviation Fuels	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706652">DOE (Suggested)</a>	EN-6051, EN-6050	R-0740		
D-0830	Trajectory Negotiation Protocols for Air and Ground Information Architectures	2010	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-0035, EN-0301, EN-0018, EN-0110, EN-0017, EN-0008	R-0960		<a href="..//request/elementForm?id=478853">143</a>, <a href="..//request/elementForm?id=698385">1514</a>
D-0840	Weather Forecast Assessment Verification System	2013	<a href="elementForm ?id=706676">DOC </a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-2010, EN-2020, EN-2030	R-0110, R-0580, R-0100		<a href="..//request/elementForm?id=478727">89</a>

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-0850	Network-Enabled Weather Information System	2013	<a href="elementForm ?id=706676">DOC</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706693">DHS (Suggested)</a>, <a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706739">NASA</a>	EN-2030, EN-2020, EN-2010			<a href="..//request/elementForm?id=478728">90</a>, <a href="..//request/elementForm?id=478854">144</a>
D-0870	Mixed Equipage Trajectory-Based Routes and Advanced OPD Operations	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-0210, EN-0033, EN-0034	R-0340		<a href="..//request/elementForm?id=492028">316</a>, <a href="..//request/elementForm?id=698387">1516</a>
D-0880	Terminal and Surface Low Visibility ConOps	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-0007, EN-0026, EN-0023, EN-0100	R-0630, R-1240, R-0930, R-0610		<a href="..//request/elementForm?id=492029">317</a>
D-0890	Dynamic Wake Management for Single Runway Operations	2016	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706700">Volpe (Suggested)</a>, <a href="elementForm ?id=706676">DOC (Suggested)</a>	EN-0152, EN-0151, EN-0212	R-0600		<a href="..//request/elementForm?id=478402">8</a>
D-0920	Advanced Scheduling Decision Support Tool Enhancements	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-0027, EN-0031, EN-0009, EN-0301	R-0370, R-1120		<a href="..//request/elementForm?id=492030">318</a>, <a href="..//request/elementForm?id=698811">1691</a>
D-0970	Real-Time Airport Intruder Identification and Tracking System	2013	<a href="elementForm ?id=706693">DHS (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-4250, EN-4205, EN-1005, EN-1002, EN-4204, EN-4201			

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-1010	NextGen Vehicle Technologies	2013	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href=" <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706665"&gt;Industry (Suggested)&lt;/a&gt;</a></a>	EN-6007	R-2126, R-0810		
D-1020	NextGen (N+1) EMS Analysis Tools	2013	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706665"&gt;Industry (Suggested)&lt;/a&gt;</a>	EN-6048	R-1330, R-1780, R-0200		
D-1070	Development of NextGen Interagency Net-Centric Security Requirements	2013	<a href="#"> <a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706676"&gt;DOC (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a></a></a>	EN-1043, EN-1016, EN-1015	R-0940, R-0950		<a href="#"> <a href="#">..request/elementForm?id=698384"&gt;1513&lt;/a&gt;</a>
D-1090	Dynamic Airspace Reconfiguration	2014	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A &lt;/a&gt;</a>	EN-0300	R-1050		<a href="#"> <a href="#">..request/elementForm?id=478855"&gt;145&lt;/a&gt;</a>
D-1180	Aircraft Explosives Detection and Mitigation	2014	<a href="#"> <a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	EN-4602, EN-4600			
D-1200	Guidance for Trajectory-Based Procedures	2015	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A &lt;/a&gt;</a>	EN-0008, EN-0034, EN-0038, EN-0037, EN-0017, EN-0035, EN-0110, EN-0016	R-0910, R-1430, R-0610, R-1080		<a href="#"> <a href="#">..request/elementForm?id=478404"&gt;10&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">..request/elementForm?id=491454"&gt;232&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">..request/elementForm?id=698386"&gt;1515&lt;/a&gt;</a></a></a>
D-1210	Dynamically Adjusting Airspace Boundaries Procedures and Decision Support Tool Enhancements	2014	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A &lt;/a&gt;</a>	EN-0180, EN-0038, EN-0036	R-2152, R-0540, R-1630		<a href="#"> <a href="#">..request/elementForm?id=478856"&gt;146&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">..request/elementForm?id=698817"&gt;1697&lt;/a&gt;</a></a>

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D-1220	Development of Weather Hazard Severity Indices	2015	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;</a>	<a href=" <a href="#">elementForm ?id=706676"&gt;DOC (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	EN-7017, EN-0301, EN-2681, EN-2680, EN-2682	R-1230		
D-1250	Safe Taxi Operations in Low Visibility Conditions	2015	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href=" <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	EN-1007, EN-0226	R-0610		<a href="#"> <a href="#">..request/elementForm?id=492311"&gt;319&lt;/a&gt;</a>
D-1320	Missile Defense Systems for Commercial Aircraft	2015	<a href=" <a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href=" <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	EN-4610			
D-1360	Virtual Tower Capability	2015	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	EN-0019	R-1040		
D-1420	Business Continuity Requirements for Networked Facilities	2010	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>		EN-0300			
D-1530	Spatial Weather Prediction Models for the 4D Weather Cube	2013	<a href="#"> <a href="#">elementForm ?id=706676"&gt;DOC&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href="#"> <a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	EN-2500	R-0100		<a href="#"> <a href="#">..request/elementForm?id=478729"&gt;91&lt;/a&gt;</a>
D-1550	Augmentation Strategy for GNSS	2013	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href="#"> <a href="#">elementForm ?id=706724"&gt;DOT (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706672"&gt;DOD (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706659"&gt;RITA (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a></a></a></a>	EN-1101			
D-1560	Flight Risk Assessment Algorithms	2011	<a href="#"> <a href="#">elementForm ?id=706707"&gt;FAA (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a>	<a href="#"> <a href="#">elementForm ?id=706739"&gt;NAS A (Suggested)&lt;/a&gt;, &lt;a href="#"&gt;<a href="#">elementForm ?id=706693"&gt;DHS (Suggested)&lt;/a&gt;"&gt;&lt;a href="#</a></a>	EN-4500, EN-4521	R-1170		

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D-1640	Wind-Dependent Wake Vortex Arrival Procedures and Tools	2012	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706700">Volpe (Suggested)</a>	EN-0212, EN-0030, EN-0152, EN-0151, EN-0150			<a href="..request/elementForm?id=478406">12</a>
D-1680	Advanced Wake Sensing Capabilities	2015	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706700">Volpe (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-0212, EN-0030, EN-0029	R-1230, R-0600		<a href="..request/elementForm?id=478409">15</a>
D-1700	System Risk Assessment and Management Models	2012	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3025	R-2122		<a href="..request/elementForm?id=492312">320</a>
D-1710	Risk Reducing Interfaces, Procedures, and Training	2015	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>	EN-3111, EN-3068, EN-3069, EN-3109, EN-3061, EN-3123, EN-3060, EN-3108, EN-3122, EN-3112, EN-3124, EN-3125, EN-3110	R-2138, R-2130, R-2121		<a href="..request/elementForm?id=478858">148</a>
D-1730	Aircraft Procedures and Control Technologies to Reduce Environmental Impacts	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-6043, EN-6005, EN-6030, EN-6046, EN-6042, EN-6004	R-1340, R-0050		<a href="..request/elementForm?id=478859">149</a>
D-1740	Environmental Impact Management Capability	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>		EN-6005, EN-6004, EN-6046	R-1750		
D-1820	Foreign GNSS Usage Strategy	2010	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-1044			

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D-1830	National PNT Architecture Strategy	2010	<a href="elementForm ?id=706690">National Security Space Office (NSSO) (Suggested)</a>	<a href="elementForm ?id=706676">DOC (Suggested)</a>, <a href="elementForm ?id=706724">DOT (Suggested)</a>, <a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706693">DHS (Suggested)</a>	EN-1101			<a href="..//request/elementForm?id=688786">1150</a>
D-2100	Complex System Validation and Verification Tools and Techniques	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-3050	R-0800, R-1440		<a href="..//request/elementForm?id=478860">150</a>
D-2110	Environmental Metrics of New and Alternative Vehicle Classes	2015	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>, <a href="elementForm ?id=706693">DHS (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-6035, EN-6037	R-1030		
D-2111	Threat Detection and Screening Technologies	2011	<a href="elementForm ?id=706693">DHS (Suggested)</a>		EN-4108, EN-4208, EN-4301, EN-4307, EN-4205, EN-4250, EN-4201, EN-4302, EN-4106, EN-4107, EN-4204	R-1160, R-1310, R-0980, R-1300		<a href="..//request/elementForm?id=698262">1400</a>
D-2113	Operating Procedures for Human Forecasters using Automated Systems	2011	<a href="elementForm ?id=706676">DOC </a>	<a href="elementForm ?id=706739">NASA </a>, <a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-2681, EN-2680, EN-2682	R-1520		<a href="..//request/elementForm?id=478810">107</a>

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2115	Initial Probabilistic Weather Forecasts	2010	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706676">DOC (Suggested)</a>, <a href="elementForm ?id=706739">NASA </a>	EN-2500, EN-2501	R-0580		<a href="..//request/elementForm?id=47861">151</a>
D-2117	Network-Enabled Weather Data Standards	2010	<a href="elementForm ?id=706676">DOC </a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-2050	R-0860, R-0110		<a href="..//request/elementForm?id=478724">86</a>, <a href="..//request/elementForm?id=478741">103</a>
D-2121	NextGen ALS	2017	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706659">RITA (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-1066	R-2118		
D-2123	Aircraft Systems Weather Mitigation Requirements	2016	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>	EN-0217, EN-2870, EN-0219	R-1150		<a href="..//request/elementForm?id=478862">152</a>
D-2125	Situational Awareness Technologies in Low-Visibility and Surface Operations	2012	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0101	R-0120, R-0130		<a href="..//request/elementForm?id=492015">303</a>
D-2127	3D RNAV/RNP Procedures	2013	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-0301, EN-0229	R-0670, R-0590, R-0340		<a href="..//request/elementForm?id=492313">321</a>
D-2129	Required Aircraft 4DT Intent Data	2012	<a href="elementForm ?id=706739">NASA </a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-1213, EN-1207, EN-1210, EN-1063, EN-1064, EN-0224	R-0820, R-0140		<a href="..//request/elementForm?id=478822">119</a>

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2131	Required Oceanic Flight Profile Information	2009	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0160, EN-0161	R-1590		
D-2133	Air and Ground-based Runway Incursion Detection Technology	2011	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0109, EN-0101, EN-5004	R-0350		<a href="..request/elementForm?id=492016">304</a>
D-2135	Air and Ground Separation Management Architecture	2011	<a href="elementForm ?id=706739">NASA </a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-0037, EN-0038, EN-0034, EN-0009, EN-0035	R-0530, R-0510		<a href="..request/elementForm?id=478823">120</a>
D-2137	Performance Requirements for Aircraft-Based CNS Technologies in Self Separation Airspace	2020	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA </a>	EN-0032	R-1600		<a href="..request/elementForm?id=478863">153</a>
D-2139	ULS Conventional Jet Fuels	2009	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706652">DOE (Suggested)</a>, <a href="elementForm ?id=706739">NASA (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-6049	R-2124		
D-2141	Methodologies and Metrics to Assess Aviation's Impact on Climate Change	2011	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706676">DOC (Suggested)</a>, <a href="elementForm ?id=706735">EPA (Suggested)</a>	EN-6039, EN-6033, EN-6053			
D-2143	National Surveillance Architecture	2010	<a href="elementForm ?id=706742">Unassigned (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-1510, EN-1511, EN-1049	R-0270, R-0790		<a href="..request/elementForm?id=689970">1193</a>

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2145	Vulnerability Detection Tools	2012	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-3103, EN-3023	R-0020		
D-2147	Airborne Collision Avoidance Back-up System	2012	<a href="elementForm ?id=706707">FAA (Suggested)</a>		EN-3063, EN-3062, EN-0203, EN-0221	R-1580		
D-2149	Contributing Factor Analysis Tools	2009	<a href="elementForm ?id=706739">NASA (Suggested)</a>		EN-3024	R-2132		
D-2151	Prognostic Risk Management Tools	2009	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3025	R-2134		
D-2153	Fault Management Tools	2009	<a href="elementForm ?id=706739">NASA (Suggested)</a>		EN-3027	R-2136		
D-2155	Availability and Accessibility of Required Information Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3110	R-2138, R-0800, R-2121, R-2130		
D-2157	Usefulness and Understandability of Information Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3111	R-2138, R-2121, R-0800, R-2130		
D-2159	Appropriate Human Engagement Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3112	R-2130, R-0800, R-2121, R-2138		
D-2161	Operational Decision Aids Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3069, EN-3060, EN-3061, EN-3068	R-0800, R-2138, R-2121		
D-2163	Reliability and Airworthiness of Aircraft Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3055, EN-3054	R-1270, R-0800		

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2165	Vehicle Systems Health Management Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3056, EN-3057	R-1280, R-0800		
D-2167	Reliability and Accuracy of Data and Information Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3058, EN-3059	R-0800		
D-2169	Aircraft Conformance to Operations Requirements Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3063, EN-3062	R-0800		
D-2171	Aircraft System Contributions to Survival in Crash Scenarios Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3064, EN-3065, EN-3131, EN-3130			
D-2173	Ground-Based Systems Health Management Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3067, EN-3066	R-1280, R-0800		
D-2175	Ground-Based System Conformance Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3071, EN-3070	R-0800		
D-2177	Ground-Based System Contribution to Survival in Crash Scenarios Design Guidelines	2012	<a href="elementForm ?id=706665">Industry (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-3072, EN-3073	R-0800		
D-2179	Enhanced Ground-Based Weather Sensors	2008	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706676">DOC (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-1003, EN-2221, EN-2222, EN-2220			

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2191	Enhanced Airborne-Based Weather Sensors	2008	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706676">DOC (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-2232, EN-2231, EN-2230	R-0860		
D-2193	Enhanced Space-Based Weather Sensors	2010	<a href="elementForm ?id=706676">DOC</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>, <a href="elementForm ?id=706672">DOD (Suggested)</a>	EN-2241, EN-2242, EN-2240			<a href="../request/elementForm?id=478725">87</a>
D-2194	Net Enabled Operations Prototype Development/Evaluation	2008	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706672">DOD (Suggested)</a>, <a href="elementForm ?id=706693">DHS (Suggested)</a>, <a href="elementForm ?id=706665">Industry (Suggested)</a>	EN-1015, EN-1016	R-2139		
D-2195	Enhanced Deployable Flight Security Data Collection and Cause Determination	2010	<a href="elementForm ?id=706693">DHS</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-4612, EN-4611			
D-2205	Tactical Conflict Detection and Resolution Decision Support Tool Enhancements	2013	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0009	R-2148, R-0820		
D-2207	Traffic Management Initiatives Decision Support Enhancement	2014	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0036	R-1130, R-1120, R-0660		
D-2209	Multi-Sector Planner Decision Support Tools	2012	<a href="elementForm ?id=706707">FAA (Suggested)</a>	<a href="elementForm ?id=706739">NASA (Suggested)</a>	EN-0034	R-2156, R-2154		

ID	Name	Planned Initial Availability	OPR	OCR	Supported Enablers	Supported Research	Associated Policy Issues	Associated Comments
D-2211	Surface Management System	2014	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0026	R-2168, R-2164, R-2160, R-2158, R-1460		
D-2213	Flight Deck Conflict Detection and Resolution	2012	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-1007	R-2162		
D-2215	Information Sharing Protocols in a Metroplex Environment	2012	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-0027	R-2164		
D-2217	Implementation of Metroplex Concept	2016	<a href="elementForm ?id=706739">NASA (Suggested)</a>	<a href="elementForm ?id=706707">FAA (Suggested)</a>	EN-7016	R-2166		

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